Contents

Balls, M., s. Salhani, N. 30
Barnes, Susan H., s. Blackmore, S. 91
Bennici, A., s. Profumo, P. 215
Blackmore, S., Barnes, Susan H.: *Cosmos* Pollen Ontogeny: A Scanning Electron Microscope Study 91
Bonig, I., s. Wetherbee, R. 188
Botha, C. E. J., s. Evert, R. F. 62
Burgess, J., Lawrence, Wendy: Studies of the Recovery of Tobacco Mesophyll Protoplasts from an Evacuolation Treatment 140
Caffaro, L., s. Profumo, P. 215
Clarke, A. E., s. Hinch, J. M. 178
Clarke, A. E., s. Wetherbee, R. 188
Clothier, R. H., s. Salhani, N. 30
Cocking, E. C., s. Salhani, N. 30
Dameri, R. M., s. Profumo, P. 215
Davey, M. R., s. Salhani, N. 30
DeMason, Darleen A.: Histochemical and Ultrastructural Changes in the Haustorium of Date (*Phoenix dactylifera* L.) 168
DeMason, Darleen A., Sexton, R., Gorman, M., Reid, J. S. G.: Structure and Biochemistry of Endosperm Breakdown in Date Palm (*Phoenix dactylifera* L.) Seeds 159
Duniec, Jadwiga, s. Wick, Susan M. 198
Evert, R. F., Botha, C. E. J., Mierzwa, R. J.: Free-Space Marker Studies on the Leaf of *Zea mays* L. 62
Furuya, Masaki, s. Uyeda, Taro Q. P. 221
Gastaldo, P., s. Profumo, P. 215
Giménez-Abián, M. I., Rufas, J. S., de la Torre, C.: The Plant Nucleolar Cycle Under Hypoxia 47
Glockmann, Christl, s. Kollmann, R. 19
Gorman, M., s. DeMason, Darleen A. 159
Grębecka, Lucyna, s. Kłopocka, Wanda 207
Grime, G. W., s. Reiss, H.-D. 147
Gromov, D. B.: Ultrastructure of Mitosis in *Amoeba proteus* . 130
Gulik-Krzywicki, T., s. Henry, Yvonne 100
Henry, Yvonne, Pouphile, Monique, Gulik-Krzywicki, T., Wiessner, W., Lefort-Tran, M.: Freeze-Fracture Study of Ordered Arrays of Particles in the Plasma Membrane of *Chlamydobotrys stellata* Korsch. (*Volvocales*) 100
Hinch, J. M., Wetherbee, R., Mallett, J. E., Clarke, A. E.: Response of *Zea mays* Roots to Infection with *Phytophthora cinnamomi*. I. The Epidermal Layer 178
Hinch, J. M., s. Wetherbee, R. 188
Karadzhan, B. P., s. Raikov, I. B. 114
Kłopocka, Wanda, Grębecka, Lucyna: Effects of Bivalent Cations on the Initiation of Na-Induced Pinocytosis in *Amoeba proteus* 207
Kollmann, R., Yang, S., Glockmann, Christl: Studies on Graft Unions. II. Continuous and Half Plasmodesmata in Different Regions of the Graft Interface 19
Lawrence, Wendy, s. Burgess, J. 140
Lefort-Tran, M., s. Henry, Yvonne 100
Li, M. Q., s. Reiss, H.-D. 147
Lucy, J. A., s. Salhani, N. 30
Mallett, J. E., s. Hinch, J. M. 178
Meindl, Ursula: Aberrant Nuclear Migration and Microtubule Arrangement in a Defect Mutant Cell of *Micrasterias thomasiana* 74
Mierzwa, R. J., s. Evert, R. F. 62
Muto, Shoshi, s. Wick, Susan M. 198
Pellegrini, Liliane, s. Pellegrini, M. 54
Pellegrini, M., Pellegrini, Liliane: On the Occurrence of Twisted Fibrillar Structures in the Cytoplasm of the Red Alga *Alsidium helminthochorton* (La Tourette) Kütz., Ultrastructural and Cytochemical Observations 54
Pouphile, Monique, s. Henry, Yvonne 100
Profumo, P., Gastaldo, P., Caffaro, L., Dameri, R. M., Roti Michelozzi, G., Bennici, A.: Callus Induction and Plantlet Regeneration in *Cichorium intybus* L.: II. Effect of Different Hormonal Treatments 215
Raikov, I. B., Karadzhan, B. P.: Fine Structure and Cytochemistry of the Nuclei of the Primitive Ciliate *Trachelorapbis crassus* (*Karyorelictida*) 114
Reid, J. S. G., s. DeMason, Darleen A. 159
Reis, D., Roland, J. C., Vian, B.: Morphogenesis of Twisted Cell Wall: Chronology Following an Osmotic Shock 36
Reiss, H.-D., Grime, G. W., Li, M. Q., Takacs, J., Watt, F.: Distribution of Elements in the Lily Pollen Tube Tip, Determined with the Oxford Scanning Proton Microprobe. 147
Roland, J. C., s. Reis, D. 36
Roti Michelozzi, G., s. Profumo, P. 215
Rufas, J. S., s. Giménez-Abián, M. I. 47
Salhani, N., Vienken, J., Zimmermann, U., Ward, M., Davey, M. R., Clothier, R. H., Balls, M., Cocking, E. C., Lucy, J. A.: Haemoglobin Synthesis and Cell Wall Regeneration by Electric Field-Induced Interkingdom Heterokaryons . . . 30
Sexton, R., s. DeMason, Darleen A. 159
Takacs, J., s. Reiss, H.-D. 147
Taylor, J. W.: Mitosis in the Basidiomycete Fungus *Tulasnella araneosa* 1
Torre, C., de la, s. Giménez-Abián, M. I. 47
Uyeda, Taro Q. P., Furuya, Masaki: Cytoskeletal Changes Visualized by Fluorescence Microscopy During Amoeba-to-Flagellate and Flagellate-to-Amoeba Transformations in *Physarum polycephalum* 221
Vian, B., s. Reis, D. 36
Vienken, J., s. Salhani, N. 30
Ward, M., s. Salhani, N. 30
Watt, F., s. Reiss, H.-D. 147
Wetherbee, R., Hinch, J. M., Bonig, I., Clarke, A. E.: Response of *Zea mays* Roots to Infection with *Phytophthora cinnamomi*. II. The Cortex and Stele 188
Wetherbee, R., s. Hinch, J. M. 178
Wick, Susan M., Muto, Shoshi, Duniec, Jadwiga: Double Immunofluorescence Labeling of Calmodulin and Tubulin in Dividing Plant Cells 198
Wiessner, W., s. Henry, Yvonne 100
Yang, S., s. Kollmann, R. 19
Zimmermann, U., s. Salhani, N. 30

Brief Reports

Appiano, Anna, s. Bassi, Maria 233
Barbieri, Nicoletta, s. Bassi, Maria 233
Bassi, Maria, Appiano, Anna, Barbieri, Nicoletta, D'Agostino, G.: Chloroplast Alterations Induced by Tomato Bushy Stunt Virus in *Datura* Leaves 233
Chitano, Pasquale, s. Rascio, Nicoletta 153
Colombo, Paola Mariani, s. Rascio, Nicoletta 153
D'Agostino, G., s. Bassi, Maria 233
Dalla Vecchia, Francesca, s. Rascio, Nicoletta 153
Rascio, Nicoletta, Colombo, Paola Mariani, Dalla Vecchia, Francesca, Chitano, Pasquale: Intrathylakoidal Crystal Appearance During the Vital Cycle of Spinach Chloroplasts 153